

Title (en)

A portable near-field communication device

Title (de)

Tragbare Nahfeldkommunikationsvorrichtung

Title (fr)

Dispositif de communication portable en champ proche

Publication

EP 2717553 A1 20140409 (EN)

Application

EP 13187175 A 20131002

Priority

- US 201261709350 P 20121004
- EP 12187142 A 20121004
- EP 13187175 A 20131002

Abstract (en)

An embodiment of the present invention may be deployed in a mobile payment device configured to communicate with a payment terminal via an RF near-field communication channel. The payment device comprises a sensor to detect and log usage parameters corresponding to behaviours of the user of the payment device. Sensors may take the form of any from movement sensors, light sensors or orientation sensors for example. In order to prevent inadvertent execution of a payment instruction from the terminal, the log of parameters created due to the user's behaviours is compared with a predetermined set of parameters compatible with a user's expected behaviours should he be intentionally performing payment behaviours and payment is only authorised if a match is achieved.

IPC 8 full level

G06K 19/073 (2006.01); **G06Q 20/32** (2012.01); **H04M 1/72412** (2021.01)

CPC (source: EP US)

G06Q 20/322 (2013.01 - EP US); **G06Q 20/3278** (2013.01 - EP US); **G06Q 20/401** (2013.01 - EP US); **G06Q 20/4016** (2013.01 - EP US); **G06Q 20/407** (2013.01 - EP US); **H04M 1/72412** (2021.01 - EP US); **H04M 2250/04** (2013.01 - EP US); **H04M 2250/12** (2013.01 - EP US)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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